FORM PTO-1449	ATTY. DOCKET NO. 266/118	SERIAL NO. Not Yet Assigned
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	APPLICANT: Vincent P. Stanton, Jr., M.D., et al	
	FILING DATE: January 8, 2002	GROUP: Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	4,701,419	10-20-87	Morris	436	89	11-26-85
	AB	4,879,214	11-7-89	Kornher et al	435	91	11-15-88
	AC	5,003,059	3-26-91	Brennan	536	27	6-20-88
	AD	5,064,754	11-12-91	Mills	435	6	11-13-87
	AE	5,174,962	12-29-92	Brennan	422	78	6-20-89
	AF	5,187,085	2-16-93	Lee	435	91	9-28-90
	AG	5,221,518	6-22-93	Mills	422	62	8-13-91
	AH	5,332,666	7-26-94	Prober et al	435	91.5	10-22-91
	AI	5,424,184	6-13-95	Santamaria et al	435	6	5-8-91
	AJ	5,547,835	8-20-96	Köster	435	6	1-6-94
	AK	5,552,278	9-3-96	Brenner	435	6	7-25-94
	AL	5,580,733	12-3-96	Levis et al	435	6	9-6-94
	AM	5,605,798	2-25-97	Köster	435	6	3-17-95
	AN	5,622,824	4-22-97	Köster	435	6	2-10-95
	AO	5,691,141	11-25-97	Köster	435	6	6-6-95
	AP	5,700,642	12-23-97	Monforte et al	435	6	5-22-95
	AQ	5,830,655	11-3-98	Monforte et al	435	6	4-26-96
	AR	5,869,242	2-9-99	Kamb	435	6	9-18-95
	AS	5,939,292	8-17-99	Gelfand et al	435	91.2	8-5-97

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
	AT	WO98/00433	1-8-98	PCT				

EXAMINER:	DATE CONSIDERED: 9/28/04

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

FORM PTO-1449	ATTY. DOC[redacted]NO.	SERIAL NO.
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	266/118	Not Yet Assigned
	APPLICANT: Vincent P. Stanton, Jr., M.D., et al	
(Use several sheets if necessary)	FILING DATE: January 8, 2002	GROUP: Not Yet Assigned

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
	AU	Andersson, B. et al., "Simultaneous shotgun sequencing of multiple cDNA clones," DNA Sequence, 1997, 7:63-70
	AV	Astatke, M., et al, "Deoxynucleoside triphosphate and pyrophosphate binding sites in the catalytically competent ternary complex for the polymerase reaction catalyzed by DNA polymerase I (Klenow fragment)," J. Biol. Chem., 1995, 270: 1945-54.
	AW	Astatke, M., et al, "How *E. coli* DNA polymerase I (Klenow fragment) distinguishes between Deoxy-and Dideoxynucleotides," J. Mol. Biol., 1998, 278:147-165.
	AX	Astatke, M., et. al, "A single side chain prevents *Escherichia coli* DNA polymerase I (Klenow fragment) from incorporating ribonucleotides," Proc. Nat. Acad. Sci. USA, 1998, 95:3402-3407
	AY	Barnes, W.M., "DNA Sequencing by Partial Ribosubstitution," J. Mol.Bio., 1978, 119:83-99
	AZ	Barnes, W.M., "PCR amplification of up to 35-kb DNA with high fidelity and high yield from λ bacteriophage templates," Proc. Natl. Acad. Sci. USA, 1994, 91:2216-2220
	BA	Beavis, R., et al "Matrix-assisted laser desorption/ionization mass spectrometry of biopolymers," Anal. Biochem., 1991, 63: 1193-1203
	BB	Chen, C. N., et al, "Ordered shotgun sequencing of a 135 kb Xq25 YAC containing ANT2 and four possible genes, including three confirmed by EST matches," Nucleic Acids Research, 1996, 24:4034-4041
	BC	Daugherty P.S., et al., "Antibody affinity maturation using bacterial surface display," Protein Eng 1998, 11:825-32,
	BD	Delarue, M., et al., "An attempt to unify the structure of polymerases," Protein Eng, 1990, 3:461-467
	BE	Fichant, G. A. and Quentin, Y., "A frameshift error detection algorithm for DNA sequencing projects," Nucleic Acid Research, 23:2900-2908, 1995
	BF	Fu, D. J., et al., "Sequencing exons 5 to 8 of the *p53* gene by MALDI-TOF mass spectrometry," Nature Biotechnology, 1998, 16:381-384.
	BG	Giese, B., et al, "The chemistry of single-stranded 4'-DNA radicals: influence of the radical precursor o anaerobic and aerobic strand cleavage," Chemistry & Biology, 1995, 2 No. 6, 367-375
	BH	Giese, B., et al, "The mechanism of anaerobic, Radical-Induced DNA strand scission," Angew. Chem. Int. Ed. Engl. 1993, 32:1742-43.
	BI	Gish, G., et al "DNA and RNA Sequence Determination Based on Phosphorothioate Chemistry," Reports, 1988 1520-1522
	BJ	Gupta and Kool, "A self-cleaving DNA nucleoside," Chem. Commun: 1997, pp 1425 – 26
	BK	Harayama, S., "Artificial evolution by DNA shuffling," Trends Biotechnol., 1998, 16:76-82
	BL	Hentosh, P. et al, "Ploymerase chain reaction amplification of single-stranded DNA containing a base analog, 2-Chloroadenine,". Anal. Biochem., 1992, 201: 277-281.
	BM	Huang, Y., "Determinants of Ribose Specifity in RNA Polymerization: Effects of Mn^{2+} and Deoxynucleoide Monophosphate Incorporation into Transcripts," Biochemistry, 1997, 36:13718-13728.
	BN	Joyce, C. M., "Choosing the right sugar: How polymerases select a nucleotide substrate," Proc. Natl. Acad. Sci. USA, 1997, 94:1619-1622
	BO	Kaczorowski, T., et al., "Assembly of 18-nucleotide primers by ligation of three hexamers: secuqncing of large genomes by primer walking," Anal. Biochem., 1994, 221:127-135;
	BP	Khurshid, F., et al, "Error analysis in manual and automated DNA sequencing," Analytical Biochemistry, 208:138-143, 1993;
	BQ	Kirpekar, F., et al, "Matrix-assisted laser desorption-ionization mass spectrometry of enzymatically synthesized RNA up to 150 kDa," Nucleic Acids Research, 1994, 22: No. 19 3866-3870

EXAMINER:	DATE CONSIDERED: 9/28/04

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

FORM PTO-1449	ATTY. DOC[redacted]NO.	SERIAL NO.
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	266/118	Not Yet Assigned
	APPLICANT: Vincent P. Stanton, Jr., M.D., et al	
(Use several sheets if necessary)	FILING DATE: January 8, 2002	GROUP: Not Yet Assigned

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
	BR	Kristensen, T., et al, "An estimate of the sequencing error frequency in the DNA sequence databases," DNA Sequencing, 2:343-346, 1992;
	BS	Landegren, U. et al., Reading Bits of Genetic Information: Methods for Single-nucleotide Polymorphism Analysis, Genome Research 1998, 88:769-76.
	BT	Liu, D., et al., "Bi-stranded, multisite replication of a base pair between difluorotoluene and Adenine: confirmation by 'inverse' sequencing," Chem. Biol., 4:919-929, 1997;
	BU	Lodhi, M. A., et al., "High-quality automated DNA sequencing primed with hexamer strings," Genome Research, 1996, 6:10-18.
	BV	Martin-Gallardo, et al., "Automated DNA sequencing and analysis of 106 kilobases from human chromosome 19q13.3," Nature Genetics, 1992 1:34-39.
	BW	Marx, A., et al, "Synthesis of 4'-C-Acylated Thymidines," Helv. Chim. Acta, 1966, 79:1980-94
	BX	Maxam and Gilbert, "A new method for sequencing DNA" Proc. Nat. Acad. Sci. USA, 74, 560-564 1977
	BY	Moran, S., et al., "A thymidine triphosphate shape analog lacking Watson-Crick pairing ability is replicated with high sequence selectivity," Proc. Natl. Acad. Sci. USA, 94:10506-10511, 1997.
	BZ	Nakamaye, K. et al, "Direct sequencing of polymerase chain reaction amplified DNA fragments through the incorporation of deoxynucleoside α-thiotriphosphates," Nucleic Acid Research, 1988, 16:9947-9959
	CA	Nelson, R.W., et al, "Volatilization of High Molecular Weight DNA by Pulsed Laser Ablation of Frozen Aqueous Solutions," Science 1989, Vol. 246, 1585-1587
	CB	Nickerson, D.A., "DNA sequence diversity in a 9.7-kb region of the human lipoprotein ilipase gene," Nature Genetics, 1998, 223-240
	CC	Nordhoff, E. et al, "Comparison of IR- and UV-matrix-assisted laser desorption/ionization mass spectrometry of oligodeoxynucleotides," Nucleic Acids Research, 1994, 22: No. 13, 2460-2465
	CD	Nordhoff, E. et al, "Ion stability of nucleic acids in infrared matrix-assisted laser desorption/ionization mass spectrometry," Nucleic Acids Research, 1993, 21:No. 15 3347-3357
	CE	Olsen, D.B. et al, "[8] Direct sequencing of polymerase chain reaction products," Methods of Enzymology, Vol 218 pp 79-92, 1993
	CF	Ono, T., et al., "2'-Floro modified nucleic acids: polymerase-directed synthesis, properties and stability to analysis by matrix-assisted laser desorption/ionization mass spectrometry," Nucleic Acids Research, 1997, 25: 4581-4588.
	CG	Pedersen et. al., " A method for directing evolution and functional cloning of enzymes," Proc. Natl. Acad. Sci. USA, 1998, 95:10523-8
	CH	Pieles, U, et al, "Matrix-assisted laser desorption ionization time-of-flight mass spectrometry: a powerful tool for the mass and sequence analysis of natural and modified oligonucleotides," Nucleic Acids Research, 1993, 21:No. 14 3191-3196
	CI	Polesky et al., " Identification of residues critical for the polymerase activity of the Klenow fragment of DNA polymerase I from *Escherichia coli*," J. Biol. Chem., 1990, 265:14579-91
	CJ	Pomerantz, S.C., et al., "Determination of oligonucleotide composition from Mass spectrometrically measured molecular weight," J. Am. Soc. Mass Spectrom., 1993, 4: 204-209.
	CK	Prober, et al, "A System for Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides," Science 1987, Vol. 238, 336-341
	CL	Sanger, et al., "DNA sequencing with chain-terminating inhibitors," Proc. Nat. Acad. Sci. USA, 74, 5463-5467 1977
	CM	Schneider, K. and Chait, B.T., "Increased stability of nucleic acids containing 7-deaza-quanosine and 7-deaza-adenosine may enable rapid DNA sequencing by matrix-assisted laser desorption mass spectrometry," Nucleic Acids Research, 1995, 23: 1570-1575

EXAMINER:	DATE CONSIDERED: 9/28/04

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

FORM PTO-1449	ATTY. DOCKET NO. 266/118	SERIAL NO. Not Yet Assigned
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT: Vincent P. Stanton, Jr., M.D., et al	
(Use several sheets if necessary) FEB 0 1 2002	FILING DATE: January 8, 2002	GROUP: Not Yet Assigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	CN	Siebenlist, et al., " Contacts between *Escherichia coli* RNA polymerase and an early promoter of phase T7," Proc. Natl. Acad. Sci. USA, 1980, 77:122;
	CO	Siuzdak, G. "The emergence of mass spectrometry in biochemical research," Proc. Natl. Acad. Sci., 1994, 91:11290-11297
	CP	Sousa, et al, "A mutant T7 RNA polymerase as a DNA polymerase," EMBO Journal Vol. 14 no. 18, pp. 4609-4621, 1995
	CQ	Stemmer, W. P. C., "Rapid evolution of a protein *in vitro* by DNA shuffling," Nature, 1994, 370:389-391.
	CR	Tabor, S., et al., "DNA sequence analysis with a modified bacteriophage T7 DNA polymerase," Proc. Natl. Acad. Sci. USA, 1987, 84:4767-4771.
	CS	Venter, J. C., et al., "Shotgun sequencing of the human genome," Science, 1998, 280:1540-1542;
	CT	Verdine, et al, "Immobilized Metal Affinity Chromatography of DNA," Dept. of Chemistry, Harvard University, 5/29/96
	CU	Verdine, et al., "Template-Directed Interference Footprinting of Cytosine Contacts in s Protein-DNA Complex: Potent Interference by 5-Aza-2'-deoxycytidine;" Biochemistry, 1992, 31:11265-11273
	CV	Verdine, et al., "Template-Directed Interference Footprinting of Protein-Adenine Contacts," JACS, 1996, 118:6116-6120
	CW	Verdine, et al., "Template-Directed Interference Footprinting of Protein-Guanine Contacts in DNA," JACS, 1991, 113:5104-5106
	CX	Verdine, et al., "Template-Directed Interference Footprinting of Protein-Thymine Contacts," JACS, 1993, 115: No.1 373-374
	CY	Voss, H., et al., "Automated low-redundancy large-scale DNA sequencing by primer walking," Biotechniques, 1993, 15:714-721
	CZ	Wang, B. H., et al "Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry of chemically modified oligonucleotides," Analytical Chemical, 1994, 66: 1918-1924
	DA	Wang, B. H., et al, Sequencing of modified olignucleotides using in-source fragmentation and delayed pulsed ion extraction matrix-assisted laser desorption ionization time-of-flight mass spectrometry," Internat'l J. of Mass Spec. and Ion Process, 1997, 169/170:331-350
	DB	Weber, J. L. "Human whole-genome shotgun sequencing," Genome Research, 1997, 7:401-409
	DC	Williams, E. R., "Tandem FTMS of Large Biomolecules," Anal. Chem., 1998, 70:179A-185A
	DD	Wu, K., et al, "Time-of-flight mass spectrometry of underivatized single-stranded DNA oligomers by matrix-assisted laser desorption," Anal. Chem, 1994 66, 1637-1645

EXAMINER:	DATE CONSIDERED: 9/28/04

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant